

DP-301550

## INTEGRATED LIGHT CONCENTRATOR

## ABSTRACT OF THE DISCLOSURE

An infrared sensor including an absorber for absorbing incident  
5 infrared power to produce a signal representing the temperature of a target object,  
a frame supporting a membrane which carries the absorber, the frame including a  
plurality of reflecting surfaces disposed about the circumference of an opening  
over which the membrane spans for reflecting incident infrared power toward the  
absorber. By concentrating incident infrared power through reflection, the  
10 temperature difference between the absorber and the surrounding frame is  
increased, thereby producing an increased electrical output from the sensor.

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